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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Claire A. CAJACOB *et al.*

Appln. No.: 09/233,218

Filed: January 20, 1999

For: Nucleic Acid Molecules and Other
Molecules Associated with the
Tetrapyrrole Pathway



Art Unit: 1613

Examiner: Y. Kim

Atty. Docket: 04983.0025.00US01/
38-21(15090)B

Response to Restriction Requirement

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In the Office Action mailed May 18, 2000, the Examiner required restriction to one of the following inventions under 35 U.S.C. § 121:

Group I: claims 1 and 2, drawn to a nucleic acid molecule that encodes a maize or soybean tetrapyrrole pathway enzyme, classified in class 536, subclass 23.1;

Group II: claims 3 and 4, drawn to a substantially purified maize or soybean tetrapyrrole pathway enzyme, classified in class 435, subclass 183;

Group III: claim 5, drawn to an antibody or fragment thereof binding to a maize or soybean tetrapyrrole pathway enzyme, classified in class 530, subclass 382.9;

Group IV: claims 6 and 7, drawn to a transformed plant having a nucleic acid molecule, classified in class 435, subclass 419; and

Group V: claims 8 and 9, drawn to a method for determining a level or pattern in a plant cell of transcription factor in plant metabolic pathway by hybridization, classified in class 435, subclass 6.